






METHOD FOR APPLYING A PHOSPHATE COATING AND USE OF METAL PARTS COATED IN THIS MANNER






Patent number: WO02070781
Publication date: 2002-09-12
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Classification:
- international: **C23C22/18; C23C22/36; C23C22/73; C23C22/05; C23C22/73; (IPC1-7): C23C22/18; C23C22/36; C23C22/73**
- european: C23C22/18B; C23C22/36D; C23C22/73
Application number: WO2002EP02270 20020302
Priority number(s): DE20011010833 20010306

Also published as:

 WO02070781 (A3)
 EP1386020 (A3)
 EP1386020 (A2)
 US2004065389 (A1)
 DE10110833 (A1)

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 DE19740953
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Abstract of WO02070781

The invention relates to a method for applying a phosphate coating to metallic surfaces by wetting said surfaces with an aqueous acidic phosphatizing solution. Said method is characterized in that the phosphatizing solution contains: from 0.2 up to less than 10 g/l zinc ions, 0.5 to 25 g/l manganese ions and 2 to 300 g/l phosphate ions, calculated as P₂O₅. In said method, no copper or nickel is added to the phosphatizing solution. The metal parts that have been pre-phosphatized in this manner are then shaped, bonded to other metal parts, welded to other metal parts and/or phosphatized again and optionally are then coated with a coating containing at least one polymer, or with at least one paint layer.

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